

# On the convergence of series in spaces of integrable functions

Kayumov I.

*Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia*

---

## Abstract

A sufficient condition for the convergence of series in the spaces  $L_p$  on a set of infinite measure is obtained. © 2014 Pleiades Publishing, Ltd.

<http://dx.doi.org/10.1134/S0001434614050228>

---

## Keywords

Hölder's inequality,  $\sigma$ -additive measure